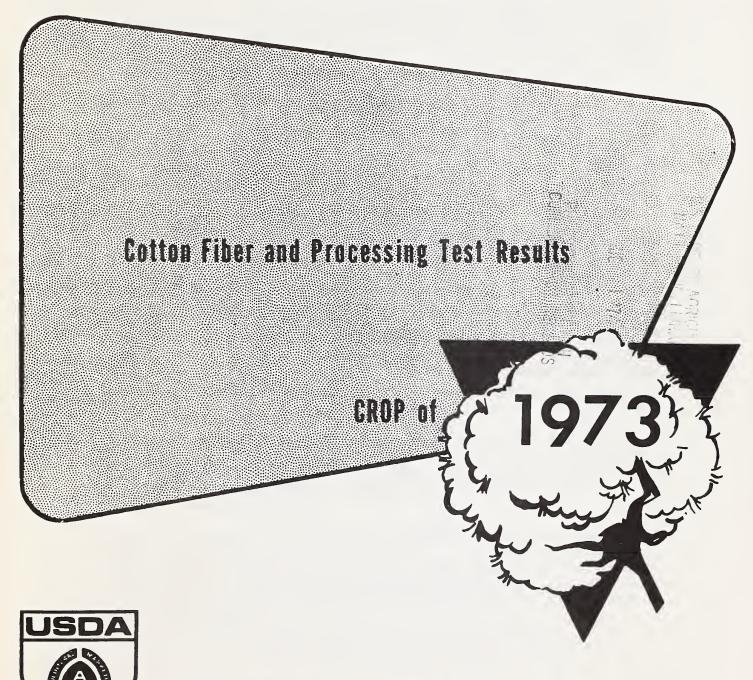
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Agricultural Marketing Service
U.S. DEPARTMENT OF AGRICULTURE
Memphis, Tenn. 38117 November 9, 1973

This is the sixth of a series of reports of fiber and processing test results from the 1973 cotton crop. Subsequent reports in this series will follow at approximately two-week intervals during the harvesting season, and will be summarized in a comprehensive report at the end of the season. This series will present data on the same subject as "Summary of Cotton Fiber and Processing Test Results, Crop of 1972, May 1973. These reports are published by the Standardization Section, Cotton Division, Agricultural Marketing Service, U. S. Department of Agriculture, Memphis, Tennessee.

## COTTON FIBER AND PROCESSING TEST RESULTS, CROP OF 1973

## Discussion of Test Results

USDA, report the average fiber properties for all medium staple samples tested through November 2 are slightly longer and coarser than samples tested through this period a year ago. Picker and card waste is less than last season. Appearance grades are lower than a year ago. Also these samples show more yarn imperfections.

Southwest short staple samples tested show longer fiber length than last season. Shirley Analyzer nonlint content is higher. Picker and card waste is higher than a year ago. Yarns spun from these samples show lower appearance grades. Average spinning potential yarn number is lower.

Southeast medium staple samples tested to date show about the same fiber properties except for coarser fibers. Shirley Analyzer nonlint content is higher than a year ago. Yarns spun from these samples show more imperfections.

Medium staple samples tested from the South Central are coarser and slightly weaker than a year ago. Picker and card waste is less than last season. Yarns spun from these samples have more imperfections.

Southwest medium staple samples tested to date show fiber strength to be weaker than last season. Picker and card waste is lower. Yarn appearance grades are lower. Imperfections are greater than a year ago. Average spinning potential yarn number is lower than a year ago.

Medium staple samples tested from the West show longer and stronger fibers than last season. Yarns spun from these samples are stronger than a year ago. Yarn appearance grades are lower and imperfections are higher than last season. Average spinning potential yarn number is higher than last season.

Long staple samples tested from the Southeast to date are longer, more uniform and coarser than a year ago. Fiber strength is weaker. Comber waste is less than last season. Yarns spun from these samples are stronger with yarn appearance grades being higher. Imperfections are fewer than a year ago. Average spinning potential yarn number is higher this season.

No additional long staple lots were received from the other areas.

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Averages of fiber and processing tests from selected gin points in the United States through November 2, 1973

Table 1.--Cotton:

	Staple group Area, and			Short Staple: Southwest 1972 1973	Medium Staple: Southeast 1972 1973	South Central 1972 1973	Southwest 1972 1973	West 1972 1973	U. S. Average 1972 1973	Significant dif- ference 2/
	Lots	tested	No.	16	24 15	73 45	25	11 8	134 93	
	Fibrograph	2.5% span	Inches	0.98	1.08	1.09	1.07	1.10	1.09	0.02
Fib	graph	50/2.5 unif.	Pct.	45	45 46	45 46	16 45	45 46	142	Q
Fiber test	Mike	ness	Rdg.	44.5.	44.	4.7	4.7.	4.4	†. 4. 4.	0.0
results	Fiber	Zero gage	Mpsi	83 84	84 83	85 84	84 81	88	85 84	Q
	strength	1/8" gage	G/tex	21	23	23	22	24 26	53.3	Т
		S A nonlint	Pct.	9.0	0. w 0. w	2.8	0.00	8.5	0.0 0.0	0.5
		P & C waste	Pct.	6.51	7. 7. 8. 8.	17.17 8.4	5.0	5.1	57. 53.88	0.5
Processing	Yarn	Skein str.	Lbs.	98	107	106	103	109	106	4 (22s)
	rn quality	Appear-Imperf- ance ections	1	118 112	104	112	121 99	120	113	77
test results	ty	Imperf- ections	No.	23 22	18 25	18	22	16 23	19	α
		Spin. Potent.	Yarn No.	48 45	99	<del>1</del> 79	63	69 99	79 99	m

Minimum differences considered to be significant for comparisons in this table. These guides are based upon averages of a number of lots and are not applicable to individual samples. Based on a limited number of samples of modal quality

Averages of fiber and processing tests from selected gin points in the United States through November 2, 1973 1/ (Continued)

Table 1. -- Cotton:

No.   In.   Pet.   Rdg.   Strengton   Stapple   Strengton   Stapple   Southeast   1972	1/8"	_	Ш	Yarn Quality		
No. In. Pet. Rdg.  7 1.09 43 4.4 4 1.13 45 4.7 2 1.17 45 4.4 2 1.14 45 4.6	ge gage lint	Waste Waste	Strength carded combed	Appearance	Imprfctns	SPY
rt	si G/tx Pct.	Pct. Pct.	Lbs	Lbs. Indx Indx	No. No.	No.
2 1.17 45 4.6 2 1.14 45 4.6	23 3.7	8.7 18.5 8.4 17.2	102	125 130	21 11 16 8	65
	25 3.8 8 24 3.8	8.1 15.7 8.0 17.0	7 117 132 5 211 5	105 115 125 130	15 10 20 8	78
Significant Difference 2/	1 0.5	0.5	μ(22s) μ(22s) μ(20s) 2(50s)	5 5	· · · · · · · · · · · · · · · · · · ·	m

Minimum differences considered to be significant for comparisons in this table. These guides are based upon averages of a number of lots and are not applicable to individual samples. Based on a limited number of samples of modal quality

Table 2 --Cotton, American upland short staple: Quality characteristics by production areas, crop of 1973

	Spin. Poten-		No		46	51	43
	ct'ns	22sor 27 tx	임		20	23	23
rns	Imprfectins Spin. Poten	8s or 74 tx	SI SI		20	110 32 23	30
Processing Test Results - Carded Yarns		22sor 27 tx	NO NO		6.1 130 130 20 20		110
ılts - C	Appearance Index	8s or 74 tx	<u></u>		130	130	130
est Resu	ation	22s or 27 tx	Pct Pct			4.9	6.1
sing T	Elongation	8s or 74 tx	Pct		ENT 7.0	ENT 7.1	ENT 7.2
Proces	th	22s or 27 tx	Tps		99 PERCENT	100 PERCENT 06 98 7.	99 PERCENT 88 7.
	Strength	Gra Yel Waste 8s or 22s or 8s or 22s or 8s or 22s or 8s or 22s or 7½ tx $7½$ tx $15$	Tps Tps		99 PERCENT 4 4 6.6 287 92 7.0	100 PERCENT 306 98 7.1	57 0.0 2.4 3 4 6.2 286 88 7.2 6.1 130 110 30 23 43
	Color Raw Stock P & C	Waste	Pct		9.9	8.3	6.2
	lor Stock	Yel	No		4	*	4
	Color Raw Stoo	Gra	Pct No No			4	ю
	S.A.	lint	Pct		i 3.3	3.9	2.4
ts	Elon- S.A.	1/8"	Pct		ANKARI LX 571 20 6.5 3.3	. גא 571 ס-5 3-9 4	57
Fiber Test Results	er gth	1/8" Gage	G/tex		LANKART LX 571 20 6.5	LANKAKT LA 571 20 0.5	LANKART 57
Fiber T	Fiber Strength	Zero Gage	Mpsi		98	83	86
	Mike		Rdg		4.7	4.5	4.8
	tal raph	Unif	Pct		749	46	45
	Digital Fibrograph	2.5% span	u		1.00	52 32 1.02	86.
		Stple	32s	APFA	31	32	31
ea,	ìr			₫	45	52	42
Production Area,	& Sample Number	No Grade Name & Code		SPUTHWEST	CENTRAL TEXAS AVALON 2 SLM LT SP 42 31 1.00	ITASCA 1 LM LT SP	WAXAHACHIE 2 SLM LT SP 42 31

	,							- 7	-							
	"	tial No		89	57	54	7.8	19	75	55	62	99	63	77	69	6 5
	Imprfect'ns	tx 12 tx		11	19	23	13	10	10	11	14	21	16	24	15	26
ırns	Imprf	27 tx No		19	23	23	20	16	15	12	23	27	26	32	22	39
Carded Yarns	1	×		06	06	06	06	06	06	100	80	7.0	80	ာ	100	80
1	Appearance Index 22s or 50s			120	110	110	110	120	110	120	110	06	110	06	110	06
sst Resu	l l	Pet		<b>4</b> 8	5.1	4.7	5.2	5.2	4.7	<b>*</b>	4.5	3.8	4.1	4.6	4.2	4.4
Processing Test Results	Strength Elongation 22s or 50s or	Lbs Pct		80 PERCENT 101 35 6.5	98 PERCENT 103 35 7.0	85 PERCENT 97 32 6.7	100 PERCENT 132 50 7.7	95 PERCENT 107 39 7.3	95 PERCENT 111 39 6.0	100 PERCENT 104 33 6.3	70 PERCENT 96 30 6.4	100 PERCENT 101 33 5.8	100 PERCENT 103 34 6.2	100 PERCENT	100 PERCENT 97 34 5.5	100 PERCENT 107 36 6.4
	P&C Waste	Pet		0.9	5.3	5.6	6.4	9.4	4 • 8	6.0	5.6	5.1	5.6	7.7	5.2	8 • 4
	Color Raw Stock	IS IS		8	3	3	ю	М	3	4	ю	ю	ю	m	æ	4
	Col Raw S	ا ا ا		ю	2	8	2	2	2	4	3	2	m	m	m	4
	S.A. Non-	Pet		4.0	2.8	8 8	3.2	2.0	4.7	5.2	2.9	7.5	3.7	7.+	3.0	7.1
Results	r th 1/8" gat'n	Gage 1/0 G/tex Pct		DIXIE KING II 20 7.5	STONEVILLE 213 22 7.5	STONEVILLE 213 22 6.7	COKER 417 25 5.9	DELTAPINE 16 22 7.0	COKER 201 23 6.4	DIXIE KING 11 23 6.2	STONEVILLE 213 22 7.5	COKER 201 23 . 5.8	COKEK 201 24 6.6	COKER 201 23 6.3	DELTAPINE 16 23 6.4	CBKER 201 23 5.7
Fiber Test	a a	Gage G		10 TT	80 81	S1 83	CC 76	83 2	85 .	986	83 2	C (87	C (	63	82 2	83
Fibe	S Mike Ze	-						6			80		2	6	5.0	_
		- Rote		5.1	4.6	5.0	3.8	4	4.7	4.5	4	4.6	4	3	r,	5.1
	cal graph Unif.	lgt Lgt		47	45	46	46	45	46	94	94	45	45	46	47	4
	L L			1.07	1.06	1.05	1.14	1.09	1.10	66.0	1.07	1.10	1.07	1.12	1.09	1.03
	Stole	328	AREA	34	34	34	35	34	35	34	33	34	35	35	35	35
Area,			ď	51	41	51	41	41	41	43	41	41	اA 41	IA LLS 51	41	5.2
Production Area, Classification	Sample Number	Name & Code	SOUTHEAST	ALABAMA CUBA 1 LM	GREENBRIER 1 SLM	HUNTSVILLE 1 LM	PRATTVILLE 1 SLM	TUSKEGEE 1 SLM	TYLER 1 SLM	GEORGIA BOSTWICK 1 SLM SP	DANSON 1 SLM	REYNOLDS 1 SLM	NORTH CAPOLINA SHELBY 1 SLM	SOUTH CAROLINA CALHPUN FALLS 1 LM	MULLINS 1 SLM	ST MATTHE4S

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	Spin.	tial	No		70	63	74	59	49	95	29	63	63	95	29	75	4
			ZI			40	_	ľ	•	•	ľ	•	•	•	9	7	7
	Imprfect'ns	50s or	No		13	13	15	15	22	16	24	22	14	15	13	12	21
arns	Impri	22s or 27 tx	No		17	19	18	22	59	18	35	30	17	21	15	20	33
Carded Yarns	ance	or x			06	100	06	06	06	80	80	70	80	06	06	100	06
1	Appearance Index	22s <b>o</b> r 27 tx	No		110	120	110	06	110	100	100	06	120	120	120	110	100
Test Results	ation	or	Pct		5.0	4.3	6.4	3.3	3.8	4.2	3.7	4.6	4.5	5.1	4.7	5.2	4.5
Processing Te	Strength Elongation	s or 50s or tx 12 tx	<u>Lbs Lbs Pct</u>		93 PERCENT 114 40 6.9	100 PERCENT 101 36 6.3	100 PERCENT 112 38 7.0	98 PERCENT 92 27 5.4	100 PERCENT 92 29 5.7	100 PERCENT 105 35 6.4	100 PERCENT 100 33 5.5	100 PERCENT 96 31 6.8	75 PERCENT 104 36 6.2	100 PERCENT 110 37 7.0	80 PERCENT 96 32 6.7	100 PERCENT 118 43 7.1	100 PERCENT 107 38 6.2
	ನ ನ	4)	Pct		5.1	5.5	6.4	5.3	6.3	5.1	5.6	5.8	4.6	5.6	4.6	<b>7•</b> 5	6.0
	성	Yel	N N		т	М	2	т	М	٣	٣	т	3	æ	3	2	٣
	Color Raw Sto	Gra	No No		7	2	-	3	3	3	2	2	2	2	3	-	8
	S.A.	Non- Lint	Pct		7.7	3.1	3.3	7.7	3.3	2.3	3.0	2.6	F 66 1.8	7.7	2.4	2.5	4.9
t s	Elon-	gat'n 1/8"	Pct		INE 16 7.5	21 ق	INE 16	INE 16 6.1	1LLE 213	#4 0•1	166 74 6.2	12 21.	SMUUTHLEAF 6.0	INE 10	INE 45A 7.2	INE 16	ILLE 215 0.9
st Results	er gth	1/8" Gage	G/tex		DELTAPINE 24 T.	STONEVILLE 22 0.	DELTAPINE 23	DELTAPINE 22 6.	STGNEVILLE 20 6.	BRYCOT 21	STONEVILLE 22 6.	STONEVILLE 21 7.	REX SM 24	DELTAPINE 24 8	DELTAPINÈ 20 7	DELFAPINE 24	STONEVILLE 23 0.
Fiber Test	Fiber Strength	Zero Gage	Mpsi		86	83	82	06	80	06	86	61	83	85	80	82	88
124		Mike	Rdg		4.6	5.1	4.6	4.6	6.4	4.2	4.2	4.3	4.7	4.5	4.5	4.7	5.0
	ıl raph	Unif.	Pet		† <sub>1</sub> † <sub>1</sub>	47	44	45	.24	46	43	43	46	45	48	24	47
	Digital Fibrograph	2.5% span	띠		1.14	1.10	1.13	1.09	1.11	1.11	1.11	1.08	1.10	1.07	1.08	1.15	1.11
		Stple	32s	AREA	35	35	35	34	34	35	35	34	34	34	34	35	35
Production Area, Classification	& Sample Number	Grade Name & Code			OVILLE 41	41	41	41	51	116 41	41	41	R IDGE	41	41	PROVIDENCE 41	PRIJVIÐENCE 41
Product	Sample	No Gra		SOUTH CENTRAL	ARKANSAS CRAWFORDVILL 1 SLM	DUMAS 1 SLM	EUDORA 1 SLM	HELENA 1 SLM	HUGHES 1 LM	LEACHVILLE 1 SLM	CSCEOLA 1 SLM	PRCCTOR 1 SLM	WALNUT 1 MID	MYNNE 1 SLM	LOUISIANA BUNKIE I SLM	LAKE PR	LAKE PE

Table 3 --Cotton, American upland medium staple: Quality characteristics by production areas, crop of 1973--(Continued)

reas, crop of 1973(Continued)	
staple: Quality characteristics by production areas, crop of 1973(Continued)	
, American upland medium staple:	
Table 3 Cotton,	

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1			l					- 9 -									
	Spin.	Poten- tial	<u>8</u>	6.5	99	72	99	99		58	99	09	77	68	09	59	69
	Imprfect'ns	or 50s or tx 12 tx	SI SI	7	21	12	11	19		12	10	17	21	12	15	22	18
rns	Imprf	22s or 27 tx		11	23	13	18	26		15	15	25	22	21	23	27	23
Carded Yarns	nce	50s or		001	7.0	06	06	80		90	06	7.0	7.0	06	06	06	06
	Appearance Index	22s or 5		130	100	120	110	110		130	120	110	100	130	120	120	110
Test Results	ation	50s or		4.3	4.6	5.2	5.3	4.3		4.4	4.7	4.8	5.7	6.4	4.3	4.0	<b>4</b> 8
Processing Te	Elongation	22s or 27 tx	اب	PERCENT 35 6.3	PERCENT 37 6-7	PERCENT 42 7.0	PERCENT 42 7.3	PERCENT 33 6.1	PERCENT	6.2	PERCENT 33 6.7	PERCENT 34 6.3	PERCENT 42 7.2	PERCENT 37 6.6	PERCENT 38 6.1	PERCENT 31 5.8	PERCENT 37 6.4
Proce	gth	50s or	sol	95	PER 37					33	PER 33	PER 34	PER 42				
	Strength	22s or 27	Tps	100	100	100	113	100	85	103	95	100	100 115	90	100	100 102	100
	ъ 8 6	Waste	Pct	4.0	6.4	0.4	5.1	6.1		5.4	4.8	5.6	5.4	5.6	7.6	5.6	7.5
	Color Raw Stock	Yel	욂	m	4	2	2	ĸ		4	ю	ъ	ю	m	m	ю	m
	Co]	Gra	외	2	2	-	2	m	(	2	2	m	2	2	ю	m.	m
	S.A.	Non- Lint	Pct	1.0	1.6	1.9	3.2	3.7	m	3.1	2.3	4.0	2.7	7.7	I 5.4	5.7 2.7	3 4.2
M M	Elon-	gat'n 1/8"	Pet	NE 16	NE 16 7.9	NE 16 7.9	NE 16 8.0	LLE 21 6.8	21	9.9	NE 16	LLE 21 6-3	NE 16 8.0	NE 16 8.2	KING II 5.7	217	LLE 41
t Results	1: t	1/8"	g/tex	DELTAPINE 22 7.	DELTAPINE 22 7.	DELTAPINE 23 7.	DELTAPINE 22 8.	STONE VILLE 23 6.	STONEVILLE	22	DELTAPINE 21	STONEVILLE 23 6.	DELTAPINE 22 8.	DELTAPINE 23 8	DIXIE K 22	STONEVILLE 22 6.	STONEVILLE 23 0.0
Fiber Test	Fiber	Zero	-	98	81	85	8	82		85	81	78	83	83	92	8	83
Ē		Mike	Rdg	5.4	6.4	7.4	4.5	5.0		6.4	4 • 8	5.0	4.2	4.7	4.6	5.3	6.4
	al mont	Unif.	Ret	1.4	94	94	44	45		47	45	45	44	47	14	94	Lή
	Digital		In In	1.07	1.12	1.14	1,12	1.10		1.10	1.08	1.09	1,15	1.09	1.07	1.11	1.14
		Stple	32s Conti	34	35	35	35	34		34	34	34	35	35	34	34	34
rea,	er	IT	EA(	inued 31	11	41	41	51		41	41	41	41	65	51	41	51
Production Area,	Sample Number	No Grade	SOUTH CENTRAL AREA(Continued)	LOUISIANA(Continued)  OAK GROVE  1 MID 31	SHREVEPORT 1 GM	MISSISSIPPI ARCOLE 1 SLM	BELZONI 1 SLM	CLARKSDALE 1 LM	<b>EDWARDS</b>	1 SLM	FOREST 1 SLM	GREENWOOD 1 SLM	GUNNISON 1 SLM	HOLLY SPRINGS	INDIANOLA 1 LM	INDIANDLA 1 SLM	LELAND 1 LM

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crop of 1973 (Continued)	
haracteristics by production areas, crop of	
Quality c	
American upland medium staple:	
Table 3Cotton, A	

	Spin.	Poten- tial	No	73	61	63	95	62	74	53		61	65	61
		50s or	No	13	15	14	30	14	16	13		21	19	21
Yarns	Imprfect'ns	22s or 27	N N	16	18	25	37	16	20	24		31	23	30
Carded Ya	nce	50s or		06	80	7.0	7.0	06	06	06		70	06	0.2
Results - Ca	Appearance Index	22s or 5	1	110	110	100	100	120	120	110		100	001	06
t Resul	cion	50s or 2	1	5.3	3.9	4.8	4.6	4.7	4.3	4.5		4.7	4.6	5.3
ing Test	Elongation	22s or 5	ì	1.0 7.0	ENT 6.1	EN 1	ENT 6.6	ENT 6.7	5.3	ENT 6.2		ENT 6.6	ENT 6.2	1 NT
Processing	th	50s or 2	1	PERCENT	PERCENT	PERCENT 36 6.	PERCENT	PERCENT	PERCENT	PÉRCENT 31 6.2		PERCENT	PERCENT 37 6.2	PERCENT
	Strength	22s or 50		95	100	100	100	90	96	90		95	80 110	85
	2 8 4	Waste	Pct	4.7	5.9	4.8	4.6	3.7	5.6	4.8		5.1	6.0	5.3
	Color Raw Stock	Yel	<u></u>	2	3	٣	т	4	3	4		ю	6	М
	Co.	Gra	읾	2	2	7	ю	2	6	m		w	7	2
	S.A.	Non- Lint	Pet	д	3.3	4.2	ы 63	3 2.2	F 2.6	3.0		2.5	7.4	2.5
62	Elon-	gat'n 1/8"	Pct	NE 16 7.8	LLE 7A 5.5	12.2 7.2	M 7.2	LLE 213	SMUUTHLEAF 6.6	KING II		LLE 213	LLE 74	5 P 3 7
t Results	r	1/8" Gage	G/tex	DELTAPINE 16 23 7.8	STONEVILLE 7A 22 5.5	STONEVILLE 23 7.6	AUBURN 21	STONEVILLE 22 0.	REX SML 20	DIXIE K 21		STONEVILLE 21 0.°	STONEVILLE 7A 21 5.8	TAMCUT 21
Fiber Tes	Fiber	Zero Gage	Mpsi	62	16	84	78	83	81	85		80	66	80
Ē		Mike	Rdg	4 •	4.8	4.5	4.0	<b>4</b> 8	4.4	4.6		4.	4.4	3.6
	11 raph	Unif.	Pet	45	46	94	44	94	45	45		9,	47	45
	Digital Fibrograph	2.5% span	nued)	1.14	1.13	1.09	1.09	1.07	1.07	1.03		1.10	1.06	1.13
		Stple	32s Conti	ed 35	35	34	34	34	34	34	AREA	35	34	35
rea,	r e		EA(	ntinue 41	41	32	41	41	45	4 41	4	41	41	41
Production Area, Classification	& Sample Number	No Grade Name & Code	32s In SOUTH CENTRAL AREA(Continued)	MISSISSIPPI(Continued MACON 1 SLM 41 3	TRIBBETT I SLM	MISSCURI BELL CITY I MID LT SP	SENATH 1 SLM	TENNESSEE DYERSBURG 1 SLM	MILLINGTON 1 SLM LT SP	SPRING CREEK 1 SLM	SOUTHWEST	CENTRAL TEXAS BATESVILLE 3 SLM	CRCCKETT 2 SLM	NAVASOTA 2 SLM

Table 3 --Cotton, American upland medium staple: Quality characteristics by production areas, crop of 1973--(Continued) 2

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		Foten- tial	읾		63	69	73	63	76	6.8
	Imprfect'ns	50s or	외		15	13	11	. 52	11	14
arns	Imprf	22s or 50s or 27 tx 12 tx	S		21	21	13	36	25	27
rded Y	ance	50s or 12 tx			06	7.0	06	70	80	80
Processing Test Results - Carded Yarns	Appearance Index	22s or 27 tx			110	110	120	100	100	100
Resul	ion	22s or 50s or 27 tx 12 tx			4.7	4.7	5.2	4.4	4.4	4.5
Test	Elongation	or 50 x 12	PI I							
ssing	Eloi	r 22s ( 27 t)	Pct		PERCENT 37 6.6	PERCENT 40 6.2	PERCENT 42 7.0	PERCENT 42 5.8	PERCENT 49 5.8	PERCENT 47 6.3
Proce	gth	50s o:	Lbs		PER(	PER 40	PER 42	PER 42	PER 49	PER 47
	Strength	22s or 50s or 22s or 50s or 22s or 50s or 27 tx 12 tx 27 tx 12 tx	Tps		100 P 108 3	113	113	100	130	100 128
	Color Raw Stock P & C		Pct		4.8	4.8	6.4	5.1	6.4	4.8
	or $tock$	Yel	SI SI		m	e	m	ю	m	м
	Color Raw Sto	Gra	SI SI		0	-	_	-	1	2
		Non- Lint	Pct		7.4	7.0	7.7	2.0	2.3	1.9
	Elon-	gat'n 1/8"	Pct				DELTAPINE 16 23 7.9	6.0	5.6	0
sult			ΧI		APIN	NIGA	APIN	LS A	LS A	SA
est Re	Fiber Strength	1/8" Gage	G/tex		DELTAPINE 16 25 6.0	DELTAPINE 16 24 7.2	DELT 23	ACALA SJ-1 28 6-	ACALA SJ-1 29 5.	ACALA SJ-1 26 6.
Fiber Test Results	Stre	Zero Gage	Mpsi		89	86	80	95	66	103
		Mike	Rdg		4.7	4.5	4.7	4.4	4.4	4.3
	al graph	Unif.	Pct		4	45	45	<b>7</b>	4.7	94
	Digital Fibrograph	Stple 2.5% span	디		1.10	1.14	1.15	1.11	35 1.09	41 36 1.11
		tple	32s	EA	35	35	35	35	35	36
ea, ion	r			AREA	31	31	32	31	31	41
on A	Numbe	de Code			1	4104	9.	LLOW	,	,
Production Area, Classification	& Sample Number	Grade Name & Code			ARIZONA CHANDLER I MID	PARKER 1 MID	SELMA 1 MID LT SP 32 35	CALIFORNIA BUTTONWILLOW I MID	SHAFTER 1 MID	TULARE 1 SLM
		No		WEST	AR I	1 4	1 6	CAL	1 5:	1

- 12 -

			,				-	12 -
	Spin.	tial	왕		99	74	19	80
	t'ns	50s or 12 tx	일		13	<b>~</b> 4	15	13
arns	Imprfect'ns	22s or 27 tx	울		19	13	16	14
rded Y		0s or 2 tx	왕		100	100	90	90
ts - Ca	Appearance Index	2s or 7 tx	&  		120	130	130	120
t Resul		Os or 2 2 tx 2	Pet		5.3	4 . 8 . 5	4.7	4.8
Processing Test Results - Carded Yarns	Elongation	50s or 22s or 50s or 22s or 50s or 12 tx 27 tx 12 tx 27 tx 12 tx	Pct.		ENT 6.6 7.1	6.3 6.7	1NE 6.9	6.2 6.5
rocess		0s or 2 2 tx 2	Lbs		PERCENT 31 6.4	PERCENT 36 6.	PERCENT 34 6.	PERCENT 36 6. 43 6.
	Strength	22s or 50s or 22s or 50s or 22s or 50s or 22s or 50s or 27 tx 12 tx 27 tx 12 tx 27 tx 12 tx 27 tx 12 tx	Lbs		80 101 113	100 109 123	100 108 124	100 106 121
	P & C and	Comber Waste	Pet		9.0	7.3	8.7	8.5 17.0
	Š Š	Yel W	울		m *	4 *	4 *	m *
	Color Raw Sto	Gra	%		m	m	4	m
	S.A.	Lint	Pet		φ •	2.5	4.0	4
8	Elon-		Fet		310 7.2	310	310	310
Fiber Test Results	er gth	1/8" Gage	G/tex		COKER 310 22 74	COKER 310 23 6.	COKER 310 23 0.	COKER 310 23 6.
ber Te	Fiber Strength	Zero Gage	Mpsi		80	8	83	81
Ē		Mike	Rdg		4.6	5.1	4.6	4.5
	aph	Unif.	Pet		45	<b>L</b> 4	4	4
	Digital Fibrograph	2.5% span	됩		34 1.10	1.13	34 1.12	35 1.17
		Stple	32s	AREA	34	35	34	35
ea,	Ł		mΙ	A	51	41	45	51
n Are	umber	Code			ш		SP	LE
Production Area, Classification	& Sample Number	No Grade Name & Code		SOUTHEAST	ALABAMA BELLEVILLE 1 LM	GEORGIA COMER 1 SLM	MADISON 1 SLM LT SP	SOUTH CAROLINA HARTSVILLE 1 LM

\* Comber Waste and Combed Yarn Data